

**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR*

<u>L21</u>	(L19) and ((optical or laser or information) near5 (medium or media or disk\$1 or disc\$1))	79	<u>L21</u>
<u>L20</u>	(L18 or l1) same ((optical or laser or information) near5 (medium or media or disk\$1 or disc\$1))	489	<u>L20</u>
<u>L19</u>	(L18 or l1) same (resist\$1 or photoresist\$1)	354	<u>L19</u>
<u>L18</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	4644	<u>L18</u>
<u>L17</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	4644	<u>L17</u>
<u>L16</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	4640	<u>L16</u>
<u>L15</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	2342	<u>L15</u>
<u>L14</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	2340	<u>L14</u>
<u>L13</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	2335	<u>L13</u>
<u>L12</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	1620	<u>L12</u>
<u>L11</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	1608	<u>L11</u>
<u>L10</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	1608	<u>L10</u>
<u>L9</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	1607	<u>L9</u>
<u>L8</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	1294	<u>L8</u>
<u>L7</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	1280	<u>L7</u>
<u>L6</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6 or mu\$6)))	1277	<u>L6</u>
<u>L5</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$6)))	866	<u>L5</u>
<u>L4</u>	(L2 or l1) same (resist\$1 or photoresist\$1)	92	<u>L4</u>
<u>L3</u>	(L2 or l1) same (resist\$ or photoresist\$1)	119	<u>L3</u>
<u>L2</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 (micron\$1 or .mu\$3)))	866	<u>L2</u>
<u>L1</u>	((groove\$1 or pregroove\$1 or land\$1) with ((width or wide) near5 nm))	390	<u>L1</u>

END OF SEARCH HISTORY

WEST



Generate Collection

Print

L33: Entry 78 of 79

File: DWPI

Feb 15, 1985

DERWENT-ACC-NO: 1985-077635

DERWENT-WEEK: 198513

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TITLE: Optical recording medium prodn. - by forming tracking grooves on substrate, selectively forming recording layer on bottom of grooves or surface of tank layer etc.

PATENT-ASSIGNEE:

ASSIGNEE

CODE

TDK CORP

DENK

PRIORITY-DATA: 1983JP-0138347 (July 28, 1983)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 60029950 A

February 15, 1985

025

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP60029950A

July 28, 1983

1983JP-0138347

INT-CL (IPC): B41M 5/26; G11B 7/24

ABSTRACTED-PUB-NO: JP60029950A

BASIC-ABSTRACT:

Tracking grooves are formed on track layer laid on a substrate. Wetting properties of the bottom part of grooves are different from those of the surface part of the track layer. Recording layer is selectively formed on either the bottom part of the grooves or the surface part of the track layer. Lid body is laid on the surface of the track layer.

Bottom part of grooves or surface part of the track is lipophilic, and the other is oil repellent. Track layer pref. consists of a photoresist. The pref. thickness of track layer is 0.01-200 microns, the pref. depth of grooves is 0.01-200 microns and the width of grooves is pref. about 0.1-5 microns. Recording layer pref. consists of a compsn. of colouring material which contains a resin. Pref. colouring material is cyanine colouring material.

CHOSEN-DRAWING: Dwg.0/2

TI TLE-TERMS: OPTICAL RECORD MEDIUM PRODUCE FORMING TRACK GROOVE SUBSTRATE SELECT FORMING RECORD LAYER BOTTOM GROOVE SURFACE TANK LAYER

DERWENT-CLASS: A89 G06 P75

CPI-CODES: A12-L02; A12-W01; G06-C06; G06-D; G06-D04;

**WEST****End of Result Set**☐ **Generate Collection** **Print**

L33: Entry 79 of 79

File: DWPI

Nov 2, 1984

DERWENT-ACC-NO: 1984-309512

DERWENT-WEEK: 198450

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TITLE: Stamper for rotating recording medium - has hard information transfer layer, metal backing layer and intermediate adhesive metal layer

PATENT-ASSIGNEE:

ASSIGNEE

DAICEL CHEM IND LTD

CODE

DAIL

PRIORITY-DATA: 1983JP-0068920 (April 19, 1983)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 59193560 A	November 2, 1984		004	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP59193560A	April 19, 1983	1983JP-0068920	

INT-CL (IPC): B29D 17/00; G11B 3/70; G11B 7/24; G11B 11/00

ABSTRACTED-PUB-NO: JP59193560A

BASIC-ABSTRACT:

Stamper has (1) very hard information transfer layer, (2) backing layer, (3) electroconductive intermediate adhesive metal layer having low oxidising property. Thickness of (1) is 0.05-10 microns, thickness of (2) is 0.1-1.0 mm and thickness of (5) is 0.05-10 microns.

ADVANTAGE - Surface hardness is high, fine uneven surface is not deformed and is durable with repeated use. The information transfer layer and backing layer are strongly adhered.

In an example, positive type resist (Shipley Co, AZ 1350) was spin-coated to 700 angstrom thickness on mirror-polished glass disc (356 mm dia and 6mm thickness). The resist was sensitised by Ar laser beam into spiral form (0.8 micron wide, and 2.5 microns pitch), which was developed to give groove (700 angstrom deep x 0.8 micron wide x 2.5 microns pitch) on the stamper disc. Cr and Ni were successively sputtered to 1000 angstrom thickness on the disc, while the Cr layer was not oxidised. The Ni layer was electroformed in soln. comprising nickel sulphamide. 4H2O, NiCl2.6H2O and boric acid. PMMA resin disc could be repeatedly transferred from the stamper.

CHOSEN-DRAWING: Dwg.0/2

TITLE-TERMS: STAMP ROTATING RECORD MEDIUM HARD INFORMATION TRANSFER LAYER METAL BACKING LAYER INTERMEDIATE ADHESIVE METAL LAYER

ADDL-INDEXING-TERMS:

PMMA POLY METHYL METHACRYLATE POLYMETHACRYLATE

DERWENT-CLASS: A97 L03 M11

CPI-CODES: A11-B11; A12-W01; L03-G04; M11-D;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0229 0500 3011 0535 2344 2348 2462 2545 2841

Multipunch Codes: 014 03- 074 077 081 082 371 376 377 380 456 458 476 634 688

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1984-132060

Non-CPI Secondary Accession Numbers: N1984-230656